



## BOROUGH OF RADCLIFFE

---

*Mayor :*

ALDERMAN A. WALSH, J.P.

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# ANNUAL REPORT

OF THE

# Medical Officer of Health

FOR THE YEAR 1962

INCLUDING THE REPORT OF THE  
CHIEF PUBLIC HEALTH INSPECTOR



C. H. T. WADE, M.D., Ch.B., B.Sc., D.P.H.

*Medical Officer of Health*







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# Health Committee.

1962-63

.....

Chairman: Councillor F. SUTTON

Vice-Chairman: Councillor Dr. J. I. CONROY

Alderman V. ISHERWOOD, J.P.

Councillor F. BARLOW

„ L. D. BERKELEY

„ F. GASKELL

„ R. A. GREENHALGH.

„ J. T. McCARTHY

„ R. A. ORMROD.

„ A. SHEA.

„ L. SILLETT.

„ S. THRELFALL

„ S. J. M. WALTERS

THE MAYOR AND DEPUTY-MAYOR (ex-officio).



Town Clerk - - - H. A. FOX, LL.B.

C. H. T. WADE, M.D., Ch.B., B.Sc., D.P.H.

Cert. Smoke Inspector.

MICHAEL J. O'BRIEN, M.A.P.H.I. (from 1.2.62)

Miss E. MORRIS (from 7.5.62)

**ANNUAL REPORT.**

Public Health Department,

10 Spring Lane,

Radcliffe,

June, 1963.

*To His Worship the Mayor and all the Members  
of the Radcliffe Borough Council.*

I have the honour to present the annual report for the year 1962 on the health and sanitary conditions of the district.

The Registrar General's estimate of the population was 26,860, an increase of 130 compared with last year.

The adjusted birth rate was 18.2 which is almost identical with the rate for England and Wales which was 18.0. The adjusted death rate was 16.0 which was higher than the national rate of 11.9.

The infant mortality rate was 36.5 which was considerably higher than the national rate of 21.4. The five year average for Radcliffe gives a rate of 32.7—this is also higher than the average rate for the country during the same period. Of the seventeen infant deaths thirteen occurred during the first four weeks of life.

There were no deaths from maternal causes.

Cancer of the lung caused eleven male deaths and two female deaths, this is twice the number recorded for 1961.

There was a much larger incidence of Sonne Dysentery during the year but other infectious diseases were less than usual.

There were eight new cases of respiratory tuberculosis and one of non-respiratory tuberculosis but no deaths from this disease.

Twenty-nine samples of milk were examined, three of which were found to contain *Brucella* organisms which causes Undulant fever in man. Immediate action was taken in order to trace the infected animals but there is no doubt that raw milk, although free from tuberculous infection should be heat treated before consumption.

Three clearance areas were dealt with and one compulsory purchase order involving a total of forty-seven properties and also two individually unfit houses.

Ten new houses were completed by the Council and sixty-five by other persons.

Three improvement grants were approved and seventy-three standard grants.

There were no applications for certificates of disrepair.

Very good progress has been made during the year in regard to Smoke Control Areas. Three smoke control orders have been made covering 1,433 premises representing approximately fifteen per cent of the total number of houses in the district.

This will be my final report as Medical Officer of Health and I would like to take this opportunity of expressing my sincere appreciation of the valued help and advice I have received from the members of the Council and senior officials and to express to the staff my grateful thanks for their loyal service during the past eleven years.

I am, Lady and Gentlemen,

Your obedient Servant,

C. H. T. WADE,

Medical Officer of Health.



## SECTION A.

## Statistics and Social Conditions of the Area.

|||||||

|   |          |
|---|----------|
| Area (in acres) ....  | 4,915    |
| Registrar-General's estimate of Resident Population,<br>1962 ....       | 26,860   |
| Number of inhabited houses (end of 1962) according<br>to Rate Book .... | 9,866    |
| Rateable Value ....   | £352,137 |
| Sum represented by a penny rate ....                                    | £1370    |

## Vital Statistics.

| Live Births.  |      |      |      | Males     | Females   | Total  |
|---|------|------|------|-----------|-----------|--|
| Legitimate  | .... | .... |      | 242       | 204       | 446  |
| Illegitimate  | .... | .... |      | 11        | 9         | 20   |
|   |      |      |      | <hr/> 253 | <hr/> 213 | <hr/> 466                                    |
|   |      |      |      |           |           |  |
| Crude Birth Rate per 1,000 of the estimated resident population |      |      |      | ....      | ....      | 17.3   |
| Adjusted rate   |      |      |      | ....      | ....      | 18.2   |
|   |      |      |      |           |           |  |
| Still Births  | .... | .... | .... | 8         | 3         | 11   |
|   |      |      |      |           |           |  |
| Rate per 1,000 total (Live and Still )Births                    |      |      |      | ....      | ....      | 23.1   |
|   |      |      |      |           |           |  |
| Deaths  | .... | .... | .... | 200       | 197       | 397  |
|   |      |      |      |           |           |  |
| Crude death rate per 1,000 of resident population               |      |      |      | ....      |           | 14.8   |
| Adjusted rate   |      |      |      | ....      | ....      | 16.0   |
|   |      |      |      |           |           |  |
| Deaths from puerperal causes :—                                 |      |      |      |           | Deaths    | Rate per 1,000 total (live and still) births |
| Puerperal Sepsis  |      |      |      | ....      | Nil.      | Nil.   |
| Other Maternal Cases  |      |      |      | ....      | Nil.      | Nil.   |

## Death Rate of Infants under 1 year of age :—

|   |      |      |      |
|---|------|------|------|
| All infants per 1,000 live births                       | .... | .... | 36.5 |
| Legitimate infants per 1,000 legitimate live births     |      |      | 38.1 |
| Illegitimate infants per 1,000 illegitimate live births |      |      | Nil. |

## Neo-natal mortality :—

|  |      |      |      |
|--|------|------|------|
| Deaths of infants under 4 weeks of age | .... |      | 13   |
| Mortality rate per 1,000 live births   | .... | .... | 23.6 |

|                                    |      |      |      |    |
|------------------------------------|------|------|------|----|
| Deaths from Cancer (all ages)      | .... | .... | .... | 53 |
| „ Gastro enteritis (under 2 years) |      |      | .... | —  |

## Deaths according to Wards :—

|                  |      |      | <i>Males</i> | <i>Females</i> | <i>Total</i> |
|------------------|------|------|--------------|----------------|--------------|
| Ainsworth        | .... | .... | 28           | 22             | 50           |
| Black Lane       | .... | .... | 58           | 77             | 135          |
| Radcliffe Bridge | .... | .... | 26           | 31             | 57           |
| Radcliffe Hall   | .... | .... | 33           | 30             | 63           |
| Stand Lane       | .... | .... | 55           | 37             | 92           |
|                  |      |      | <hr/> 200    | <hr/> 197      | <hr/> 397    |

## Mean Rates for the past 42 years :—

| Mean Rate of 5 years | Per 1000 of Population |                  |  |                        | Maternal Mortality Rate per 1000 Live Births | Rate of Death under 1 year to 1000 Births |
|----------------------|------------------------|------------------|--|------------------------|--|---|
|                      | Birth Rate             | Crude Death Rate | Death Rate from Tuberculosis of Respiratory System | Death Rate from Cancer |  |   |
|                      |                        |                  |  | not available          |  |   |
| 1920 to 1924.....    | 17.9                   | 13.4             | 0.66   | available              | 3.5  | 94  |
| 1925 to 1929.....    | 13.4                   | 13.3             | 0.56   | „                      | 4.9  | 60  |
| 1930 to 1934.....    | 13.2                   | 13.1             | 0.66   | 1.53                   | 2.96   | 51  |
| 1935 to 1939.....    | 12.5                   | 13.7             | 0.42   | 1.89                   | 4.7  | 58.7                                      |
| 1940 to 1944.....    | 15.6                   | 14.4             | 0.34   | 1.93                   | 2.9  | 51.7                                      |
| 1945 to 1949.....    | 17.8                   | 14.2             | 0.22   | 2.27                   | 0.42   | 43  |
| 1950 to 1954.....    | 14.9                   | 14.0             | 0.10   | 2.12                   | Nil.   | 32.4                                      |
| 1955 to 1959.....    | 14.9                   | 14.3             | 0.09   | 2.24                   | 0.54   | 35.0                                      |
| 1960                 | 17.5                   | 14.4             | Nil.   | 1.85                   | Nil.   | 17.7                                      |
| 1961                 | 17.5                   | 15.1             | 0.07   | 2.28                   | Nil.   | 26.9                                      |
| 1962                 | 18.2                   | 14.8             | Nil.   | 2.05                   | Nil.   | 36.5                                      |

The causes of death are as follows :—

|   |       |
|---|-------|
| Pulmonary Tuberculosis ... ..             | Nil   |
| Non-pulmonary Tuberculosis ... ..         | Nil   |
| Cancer ... ..                             | 53    |
| Diabetes ... ..                           | 4     |
| Vascular Lesions of Nervous System ... .. | 61    |
| Coronary Disease, Angina ... ..           | 70    |
| Other Heart Disease ... ..                | 71    |
| Other Circulatory Disease ... ..          | 16    |
| Influenza ... ..                          | 4     |
| Pneumonia ... ..                          | 13    |
| Bronchitis ... ..                         | 26    |
| Ulcer of stomach and duodenum ... ..      | 3     |
| Gastro Enteritis ... ..                   | 3     |
| Nephritis and Nephrosis ... ..            | 6     |
| Accidents ... ..                          | 13    |
| Suicide ... ..                            | 11    |
| Leukaemia ... ..                          | 2     |
| Syphilitic Disease ... ..                 | 2     |
| All other causes ... ..                   | 39    |
|   | <hr/> |
|   | 397   |
|   | <hr/> |

## SECTION B.

### General Provision of Health Services in the Area.

The Lancashire County Council, under the National Health Service Act, is the responsible Authority for the provision and maintenance of local health services such as Child Welfare, Mental Health, Care of School Children, and Care of the Aged.

The Ambulance, District Nursing, Midwifery and Maternity and Child Welfare Services provided by the County Council are administered under the Divisional Health Service Scheme by the Divisional Health Committee No. 12 from headquarters in Bury.

Hospital facilities are provided and maintained through the Regional Hospital Board and Hospital Management Committees. Patients are admitted without regard to local authority boundaries.

The Borough Council is responsible for the provision of the remainder of local health services, and the whole of those matters likely to affect or be concerned with the maintenance of high standards of environmental health. These services include:—

Control of Infectious Diseases (including Food poisoning).

### Provision of suitable Water Supplies.

Control of food and food preparing premises (including the sampling of milk, ice cream and other foodstuffs for bacteriological examination).

Provision of sanitary accommodation to houses, factories, shops and other premises, and the provision of public sanitary conveniences.

Inspection of houses with regard to fitness for human habitation.

### Detection and prevention of nuisances.

### The prevention of atmospheric pollution.

Control of rat, mouse, and insect infestations.

The examination of milk, water, ice cream, and samples of other foods, and the examination of pathological specimens is undertaken without charge to the Borough, by the Public Health Laboratory Service, at the Public Health Laboratory, Monsall Hospital, Manchester.

The number of specimens examined and the results are as follows :—

|  |      |      | <i>Number</i> | <i>Positive</i> | <i>Negative</i> |
|--|------|------|---------------|-----------------|-----------------|
| Swabs from suspected Diphtheria cases and contacts | .... |      | 1             | Nil.            | 1               |
| Other specimens                                    | .... | .... | 419           | 196             | 223             |

## DIPHTHERIA IMMUNISATION.

The following table gives the particulars of immunisation.

1.—No. of Individuals who completed a full course of primary immunisation during 1962.

| YEAR OF BIRTH |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1947 or earlier |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1962          | 1961 | 1960 | 1959 | 1958 | 1957 | 1956 | 1955 | 1954 | 1953 | 1952 | 1951 | 1950 | 1949 | 1948 |                 |
| 145           | 178  | 14   | 7    | 2    | 3    | 22   | 20   | 20   | 21   | 14   | 16   | 7    | —    | —    | —               |

**2.—No. of Individuals who were given a reinforcement injection during 1962, i.e., subsequent to complete course.**

| YEAR OF BIRTH |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1947 or earlier |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1962          | 1961 | 1960 | 1959 | 1958 | 1957 | 1956 | 1955 | 1954 | 1953 | 1952 | 1951 | 1950 | 1949 | 1948 |                 |
| 2             | 88   | 214  | 31   | 8    | 69   | 87   | 55   | 60   | 93   | 70   | 20   | —    | —    | —    | 1               |

**3.—No. of children who had completed a course of primary immunisation at any time up to 31st December, 1962.**

| YEAR OF BIRTH |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1947 or earlier |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| 1962          | 1961 | 1960 | 1959 | 1958 | 1957 | 1956 | 1955 | 1954 | 1953 | 1952 | 1951 | 1950 | 1949 | 1948 |                 |
| 145           | 331  | 326  | 248  | 290  | 244  | 311  | 374  | 254  | 315  | 280  | 297  | 378  | 346  | 296  | 359             |

**POLIOMYELITIS VACCINATION.**

During the year 690 persons completed vaccination against poliomyelitis.

In addition 1,669 persons received a re-inforcement dose of vaccine.

## SECTION C

PREVALENCE OF AND CONTROL OVER INFECTIOUS  
AND OTHER DISEASES.

The incidence of infectious diseases was low.

The following table shows the number of cases of infectious diseases notified in 1962 and for the preceding four years :—

| Disease                          | 1958 | 1959 | 1960 | 1961 | 1962 |
|----------------------------------|------|------|------|------|------|
| Scarlet Fever ....               | 9    | 54   | 44   | 12   | 13   |
| Diphtheria ....                  | —    | —    | —    | —    | —    |
| Paratyphoid ....                 | —    | 1    | 1    | —    | —    |
| Measles ....                     | 53   | 185  | 415  | 169  | 86   |
| Whooping Cough ....              | 52   | 18   | 148  | 29   | 1    |
| Pneumonia ....                   | 23   | 18   | 11   | 19   | 18   |
| Puerperal Pyrexia ....           | 1    | 4    | 1    | —    | —    |
| Cerebro-Spinal Fever ....        | —    | —    | —    | —    | —    |
| Poliomyelitis ....               | —    | —    | —    | 1    | —    |
| Ophthalmia Neonatorum ....       | —    | —    | —    | —    | 3    |
| Erysipelas ....                  | 1    | 1    | 1    | 3    | 4    |
| Dysentery ....                   | 26   | 49   | 63   | 26   | 235  |
| Pulmonary Tuberculosis ....      | 9    | 4    | 3    | 6    | 8    |
| Non-Pulmonary Tuberculosis....   | 1    | 1    | —    | 1    | 1    |
| Meninges ....                    | —    | —    | 1    | 1    | —    |
| Food Poisoning....               | 4    | 5    | 2    | 2    | 1    |
| Meningococcal Infection ....     | 1    | 1    | 1    | —    | —    |
| Malaria (contracted abroad) .... | —    | —    | —    | —    | 1    |

## Infectious Diseases According to Wards.

| Disease                    | Ainsworth | Black Lane | Radcliffe Bridge | Radcliffe Hall | Stand Lane | Total |
|----------------------------|-----------|------------|------------------|----------------|------------|-------|
| Scarlet Fever ....         | 1         | 1          | 1                | 2              | 8          | 13    |
| Measles ....               | 6         | 10         | 12               | 38             | 20         | 86    |
| Whooping Cough ....        | —         | 1          | —                | —              | —          | 1     |
| Pneumonia ....             | 4         | 8          | 4                | 1              | 1          | 18    |
| Erysipelas ....            | —         | 2          | 2                | —              | —          | 4     |
| Dysentery ....             | 20        | 76         | 34               | 43             | 62         | 235   |
| Pul. T.B. ....             | 1         | 3          | 1                | 2              | 1          | 8     |
| Non-Pul. T.B. ....         | —         | 1          | —                | —              | —          | 1     |
| Meninges ....              | —         | —          | —                | —              | —          | —     |
| Food Poisoning ....        | —         | —          | —                | —              | 1          | 1     |
| Ophthalmia Neonatorum .... | —         | —          | 1                | —              | 2          | 3     |
| Malaria (c. abroad) ....   | —         | 1          | —                | —              | —          | 1     |
|                            | 32        | 103        | 55               | 86             | 95         | 371   |

## Tuberculosis.

The following Table shows the number of new cases and deaths recorded during the year :—

| Age Periods    |  | NEW CASES |    |               |    | DEATHS    |    |               |    |
|----------------|--|-----------|----|---------------|----|-----------|----|---------------|----|
|                |  | Pulmonary |    | Non-Pulmonary |    | Pulmonary |    | Non-Pulmonary |    |
|                |  | M.        | F. | M.            | F. | M.        | F. | M.            | F. |
| Years          |  |           |    |               |    |           |    |               |    |
| 0-1 .....      |  | —         | —  | —             | —  | —         | —  | —             | —  |
| 1-5 .....      |  | —         | —  | —             | —  | —         | —  | —             | —  |
| 5-10 .....     |  | —         | —  | —             | —  | —         | —  | —             | —  |
| 10-15 .....    |  | —         | —  | —             | —  | —         | —  | —             | —  |
| 15-20 .....    |  | —         | 1  | —             | —  | —         | —  | —             | —  |
| 20-25 .....    |  | 1         | 1  | —             | —  | —         | —  | —             | —  |
| 25-35 .....    |  | —         | —  | —             | —  | —         | —  | —             | —  |
| 35-45 .....    |  | —         | 1  | —             | —  | —         | —  | —             | —  |
| 45-55 .....    |  | —         | 1  | —             | 1  | —         | —  | —             | —  |
| 55-65 .....    |  | 1         | —  | —             | —  | —         | —  | —             | —  |
| 65 and upwards |  | 1         | 1  | —             | —  | —         | —  | —             | —  |
|                |  | 3         | 5  | —             | 1  | Nil.      |    | Nil.          |    |
|                |  | 8         |    | 1             |    | —         |    | —             |    |
|                |  | 9         |    |               |    | Nil.      |    |               |    |

## NOTIFIABLE DISEASES DURING THE YEAR 1962.

| NOTIFIABLE<br>DISEASES                        | Total<br>Cases<br>at all<br>Ages | TOTAL CASES NOTIFIED |    |    |    |    |     |     |     |     |     |                   | Total<br>Deaths |
|---|----------------------------------|----------------------|----|----|----|----|-----|-----|-----|-----|-----|-------------------|-----------------|
|   |                                  | Years                |    |    |    |    |     |     |     |     |     |                   |                 |
|   |                                  | 0-                   | 1- | 2- | 3- | 4- | 5-  | 10- | 15- | 25- | 45- | 65<br>and<br>over |                 |
| Scarlet Fever    ...    ...    ...            | 13                               | —                    | —  | 1  | —  | 1  | 9   | 2   | —   | —   | —   | —                 | —               |
| Whooping Cough    ...    ...    ...           | 1                                | —                    | —  | —  | —  | 1  | —   | —   | —   | —   | —   | —                 | —               |
| Measles (excluding Rubella)    ...    ...     | 86                               | 4                    | 7  | 10 | 10 | 13 | 40  | 2   | —   | —   | —   | —                 | —               |
| Dysentery    ...    ...    ...    ...         | 235                              | 16                   | 22 | 20 | 21 | 10 | 78  | 23  | 14  | 31  | —   | —                 | —               |
| Acute Pneumonia (Primary & Influenzal)        | 18                               | —                    | —  | —  | —  | —  | 4   | 1   | 3   | —   | 5   | 5                 | —               |
| Erysipelas    ...    ...    ...    ...        | 4                                | —                    | —  | —  | —  | —  | —   | —   | 1   | 1   | —   | 2                 | —               |
| Food Poisoning    ...    ...    ...    ...    | 1                                | —                    | 1  | —  | —  | —  | —   | —   | —   | —   | —   | —                 | —               |
| Ophthalmia neonatorum    ...    ...    ...    | 3                                | 3                    | —  | —  | —  | —  | —   | —   | —   | —   | —   | —                 | —               |
| Tuberculosis—respiratory    ...    ...    ... | 8                                | —                    | —  | —  | —  | —  | —   | —   | 3   | 1   | 2   | 2                 | —               |
| “    —non-respiratory    ...    ...    ...    | 1                                | —                    | —  | —  | —  | —  | —   | —   | —   | —   | 1   | —                 | —               |
| Malaria (contracted abroad)    ...    ...     | 1                                | —                    | —  | —  | —  | —  | —   | —   | 1   | —   | —   | —                 | —               |
|   | 371                              | 23                   | 30 | 31 | 31 | 25 | 131 | 28  | 22  | 33  | 8   | 9                 | —               |



## SECTION D.

## SANITARY CIRCUMSTANCES OF THE AREA.

Public Health Department,  
10, Spring Lane,  
Radcliffe.

June, 1963.

*To His Worship the Mayor and all Members of the Council.*

I have pleasure in presenting the following report on the sanitary circumstances of the district and on the work carried out by the department during the year ending 31st December, 1962.

During the major portion of the year the department was fully staffed with Inspectors so that good progress was made on Smoke Control areas, slum clearance, the inspection of food premises, factories and canteens. Over six hundred and fifty complaints received at the department were also dealt with.

The first smoke control area became operative on the 1st July, the second area submitted earlier in the year was confirmed, and the third area was inspected and submitted to the Ministry during the year.

Due to the increased amount of clerical work and typing necessary as a result particularly of smoke control work it became essential to increase the establishment in the general office. Miss Morris was appointed as shorthand typist during May, 1962.

Forty-nine houses included on the three year Slum Clearance programme were inspected and represented for clearance. These were included in the Miller Street, Ringley Road and Sion Street Clearance Areas and the Foundry Street Compulsory Purchase Orders. Two houses in Olive Street were dealt with as individual unfit houses.

I wish to express my thanks to the Chairman and members of the Health Committee for their consideration, the Chief Officers for their help and co-operation and to Mrs. Partington and Miss Morris the only remaining members of the 1962 Health Department staff for their share of the valuable work carried out during the year.

I am, Lady and Gentlemen,

Your obedient servant,

J. S. OLDFIELD,

Chief Public Health Inspector.

## Water Supply.

The water supply for the greater portion of the area is provided by the Irwell Valley Water Board and is mainly upland surface water, though a small proportion is derived from deep wells.

The Ainsworth area is supplied with water by the Bolton Corporation Waterworks Undertaking.

64 samples of water from the public supply were submitted for bacteriological examination by the department, the results of these were mainly satisfactory. Any departure from normal of the expected standard for a chlorinated water supply was immediately reported to the Irwell Valley Water Board for investigation and in all cases follow-up samples proved satisfactory.

Mr. R. Wyllie, M.I.C.E., Engineer and Manager, has kindly provided the following particulars regarding the water supplied by the Irwell Valley Water Board:—

All water provided for public supply is chlorinated and since there is a liability to plumbo-solvent action, particularly from water derived from peaty moorlands, the water is lime treated to overcome this.

Ninety examinations for plumbo-solvency were made and found to be mainly satisfactory.

There were 411 yards of 3in. and 758 yards of 4in. new mains laid during the year.

Mr. H. R. Davenport, A.M.I.C.E., M.I.W.E., the Engineer and Manager of Bolton Corporation Waterworks Department, has also kindly provided the following particulars with regard to water supplied to the Ainsworth area:—

- (a) The water supplied to that part of the Borough of Radcliffe which is in the area of supply of the Bolton Corporation Waterworks Undertaking was satisfactory both as regards quality and quantity.
- (b) A new source of supply acquired by the Corporation during the year was a Dam of 501 million gallon reservoir at Wayoh raised 25 feet and the capacity increased by 621 million gallons. This afforded an additional 2.5 million gallons per day for town's supply.
- (c) From tests made weekly the water was shown to have no significant plumbo-solvent action.

- (d) No action was required to be taken in respect of any form of contamination.
- (e) During the year 270 yards of 2in., 611 yards of 3in., and 44 yards of 4in. water main were laid within the area.

### **Public Baths.**

There is one Swimming Pool measuring 75 ft. 0 in. x 30 ft. 0 in., the depth being from 3 ft. 6 in. to 6 ft. 6 in. The water is circulated by an electrically operated pump to Bells pressure filters. Before filtration, alum and soda are added. After passing through the filter, the water is heated and aerated, following which it is chlorinated before being returned to the pool.

The chlorine and chemical treatment is controlled by regular estimations of the pH value and the amount of available chlorine.

Regular samples of water are submitted for bacteriological examination to ensure that the water is maintained to a satisfactory degree of purity.

Since some of the dressing cubicles are situated around the pool area, this from a Public Health point of view, renders the pool more liable to contamination from incoming bathers, therefore regular swilling down of the side walks is insisted upon.

It became increasingly obvious during the year that general improvements were needed to raise the standard of the facilities available to a modern and acceptable level and it is gratifying to report that following the submission of a joint report from the Borough Surveyor and the Chief Public Health Inspector, the Council decided to carry out a complete modernisation scheme in the near future.

This decision is most welcome from the Public Health aspect and will be widely appreciated by the general public, the baths being an important and increasingly used amenity of the town.

The annual return showed that 64,159 bathers used the pool. 4,128 persons used the 9 slipper baths available.

### **Drainage and Sewerage.**

The sewerage scheme is on the combined system. The sewage disposal plant is situated off Mount Sion Road and since the 1st April, 1954, has been controlled by the Bolton and District Joint Sewerage Board. Treatment is by precipitation and filtration.

During the year 75 new houses were connected to the sewerage system.

There were 85 inspections made in connection with drainage defects and the 117 complaints of blocked drains etc. were dealt with by the department. The employment of a man for the prompt release of blocked drains provides a valuable service to the public.

**Total Inspections made for all purposes by public health inspectors during 1962:—**

|                       |        |                         |      |               |      |
|-----------------------|--------|-------------------------|------|---------------|------|
| Premises visited      | ... .. | No. of premises visited | 4185 | No. of visits | 6188 |
| Defects or Nuisances  | ...    | No. discovered          | 646  | No. abated    | 466  |
| No. of Notices served | ...    | Informal                | 310  | Statutory     | 41   |
| Legal Proceedings     | ...    | 1                       |      |               |      |

**Sanitary Accommodation.**

Financial assistance has been given for the conversion of privies to fresh water closets since 1921, and a corresponding grant was sanctioned in May, 1938, for the conversion of waste water closets.

At present a grant of £15 or half the cost, whichever is the lower, is payable to owners towards the cost of each conversion carried out to the satisfaction of the department.

During 1962, 36 conversions were carried out, including 1 replaced by an inside toilet by an owner receiving a Standard Grant. A further 4 waste water closets were eliminated by slum clearance.

Owners of property having this type of sanitary accommodation have been notified individually of the Council's wish to have these fittings replaced as soon as possible by fresh water closets and of the generous grant available.

Similarly with regard to ashpits, owners are encouraged to have these converted to other purposes or alternatively demolished or bricked up. In this case the Council provide the first dustbin free of charge.

14 shared ashpits were converted during the year, necessitating the provision of 28 dustbins by the Council.

The following table shows the closet and ashpit accommodation at the end of 1962 compared with the figures for the previous three years.

|                               | 1959 | 1960  | 1961  | 1962  |
|-------------------------------|------|-------|-------|-------|
| Privies .....                 | 44   | 32    | 15    | 13    |
| Pail & Chemical Closets ..... | 62   | 73    | 78    | 80    |
| Fresh Water Closets ....      | 9833 | 10042 | 10219 | 10300 |
| Waste Water Closets ....      | 649  | 357   | 271   | 232   |
| Wet Ashpits .....             | 44   | 21    | 12    | 11    |
| Dry Ashpits .....             | 205  | 103   | 82    | 70    |
| Ashbins .....                 | 9481 | 9559  | 9709  | 9779  |

### Atmospheric Pollution.

As a result of the frequent observations of the 68 chimneys within the town and the investigation of any excessive emission of smoke, many interviews have taken place with both the management and the boilerhouse staff of industrial premises. Improvements carried out during the year resulting from these interviews have again been responsible for a reduction of visible pollution from such sources.

Radcliffe is represented on the Manchester & District Regional Clean Air Council, The National Society for Clean Air, and is a participating authority of the South East Lancashire & North Cheshire Consultative Committee for the Investigation of Atmospheric Pollution.

During 1962 daily recordings were taken of atmospheric pollution by the use of a Volumetric Instrument situated within the Health Department. The monthly averages shown in the table below and compared with the corresponding figures for 1961, indicate the fall in pollution during the summer months where the need for the domestic fire is reduced.

| Monthly Average,      |      | J.  | F.  | M.  | A.  | M.  | J.  | J.  | A.  | S.  | O.  | N.  | D.  |
|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Smoke                 |      |     |     |     |     |     |     |     |     |     |     |     |     |
| Micrograms/cub. metre | 1961 | 555 | 400 | 573 | 359 | 232 | 201 | 108 | 119 | 146 | 209 | 483 | 802 |
|                       | 1962 | 416 | 270 | 662 | 355 | 219 | 265 | 117 | 100 | 154 | 224 | 411 | 635 |
| Sulphur Dioxide       |      |     |     |     |     |     |     |     |     |     |     |     |     |
| Micrograms/cub. metre | 1961 | 475 | 335 | 346 | 297 | 234 | 172 | 137 | 185 | 297 | 339 | 418 | 772 |
|                       | 1962 | 333 | 234 | 401 | 293 | 222 | 218 | 149 | 140 | 210 | 336 | 458 | 620 |



A similar pattern is shown by monthly recordings from the Lead Peroxide instrument situated at Close Park. The figures for 1962 are compared with those for the previous year:—

|      | J.   | F.   | M.   | A.   | M.   | J.   | J.   | A.   | S.   | O.   | N.   | D.   | Avg. |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1961 | 4.89 | 3.79 | 3.56 | 3.10 | 1.97 | 1.91 | 1.27 | 2.13 | 2.02 | 3.60 | 3.39 | 5.20 | 3.07 |
| 1962 | 5.04 | 3.29 | 2.81 | 2.28 | 2.72 | 2.11 | 1.48 | 2.99 | 2.11 | 2.50 | 3.14 | 3.74 | 2.85 |

On the 1st July, 1962, the first Smoke Control Order became operative. This covers an area of 147 acres and includes 653 premises.

During June, 1962, the Ministry of Housing and Local Government confirmed the second Smoke Control Order submitted to them earlier in the year. This Order covers an area of 86 acres and includes 459 premises. The date of operation will be the 1st July, 1963.

The detailed survey of a further area, Smoke Control Area No. 3 was carried out during the year and the Order was submitted to the Ministry for confirmation in August. The Order which covers a further 244 acres and includes 321 premises was subsequently confirmed and will become operative on the 1st November, 1963.

### **Rodent Control.**

The rodent operator has been fully engaged during the year. Regular surveys are made and all complaints of infestation are promptly investigated and treatments carried out as required.

A free service is given to tenants of domestic properties but a charge is made for the treatment of business premises.

The following table shows the number of inspections and treatments carried out:—

|    |   | Type of Property         |           |              |
|----|---|--------------------------|-----------|--------------|
|    |   | Non-agricultural         | All other | Agricultural |
|    |   | Dwell-<br>ing-<br>houses |           |              |
| 1. | Number of properties in district                                    | 9547                     | 1266      | 108          |
| 2. | Number of properties inspected                                      | 205                      | 61        | 11           |
| 3. | Total inspections carried out—including re-inspections              | 963                      | 248       | 30           |
| 4. | Number of properties inspected which were found to be infested by : |                          |           |              |
|    | (a) Rats Major  | —                        | —         | —            |
|    | Minor   | 133                      | 31        | 4            |
|    | (b) Mice Major  | —                        | —         | —            |
|    | Minor   | 32                       | 11        | —            |
| 5. | Number of infested properties treated                               | 165                      | 42        | 4            |
|    | Total treatments carried out (including re-treatments)              | 169                      | 48        | 4            |
| 6. | Number of "Block" control schemes carried out                       | —                        | —         | —            |

During the year the following two sewer treatments have been carried out in accordance with methods approved by the Ministry of Agriculture, Fisheries and Food:—

|   | First     | Second |
|---|-----------|--------|
|   | Treatment |        |
| Number of manholes treated              | 99        | 125    |
| Number of manholes showing take of bait | 26        | 29     |

The sewer treatments are a most important aspect of Rodent Control and though it appears impossible to eliminate rats from the sewers entirely, the treatments referred to kept the rat population in the sewers down to reasonable numbers.

### Disinfestation.

Advice and assistance is given to all occupiers of infested premises who seek our help regarding the eradication of bugs, fleas, cockroaches, etc.

Treatment methods using either liquid D.D.T. or D.D.T. powder vary according to circumstances.

Seventeen premises were disinfested during the year.

**Disinfection.**

Disinfection of premises following the notification of infectious disease is carried out by formalin spray or formalin vapour. Only one house was disinfected during the year.

Infected bedding and articles suitable for steam disinfection can be dealt with at the steam disinfection station situated at the sewage works. The plant was not used during 1962.

**FACTORIES ACTS, 1937 and 1948.**

1. Inspections for purposes of provisions as to health (including inspections made by the Public Health Inspectors).

| PREMISES   | Number<br>on<br>Register | Number of   |                    |                         |
|--|--------------------------|-------------|--------------------|-------------------------|
|  |                          | Inspections | Written<br>Notices | Occupiers<br>Prosecuted |
| (i) Factories in which Sections 1, 2, 3, 4, and 6, are to be enforced by Local Authorities     | 4                        | 1           | --                 | —                       |
| (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ..... | 200                      | 128         | 9                  | —                       |
| (iii) Other Premises under the Acts (excluding out-workers' Premises) .....                    | 15                       | 7           | 1                  | —                       |
| <b>TOTAL</b> .....   | <b>219</b>               | <b>136</b>  | <b>10</b>          | <b>—</b>                |

**2. Cases in which Defects were found :**

| PARTICULARS   | Number of cases in which defects were found. |           |                          |            | Number of cases in which prosecutions were instituted |
|---|--|-----------|--------------------------|------------|---|
|   | Found  | Re-medied | Referred To H.M. By H.M. |            |   |
|   |  |           | In-spector               | In-spector |   |
| Want of cleanliness (S.1.) ....                                     | 8  | 7         | —                        | —          | —   |
| Overcrowding (S.2.) .....   | —  | --        | —                        | —          | --  |
| Unreasonable temperature (S.3)                                      | —  | —         | —                        | 2          | —   |
| Inadequate ventilation (S.4.)                                       | 2  | —         | —                        | —          | --  |
| Ineffective drainage of floors (S.6.) .....                         | —  | —         | —                        | —          | —   |
| Sanitary conveniences—  |  |           |                          |            |   |
| (a) Insufficient (S.7.) ....  | —  | —         | —                        | —          | —   |
| (b) Unsuitable or defective   | 3  | 1         | —                        | —          | —   |
| (c) Not separate for sexes  | 8  | 7         | —                        | —          | —   |
| Other offences (not including offences relating to Home-work) ..... | —  | —         | —                        | —          | —   |
| TOTAL .....   | 21   | 15        | —                        | 2          | —   |



**Outworkers.**

There are no factories in the area employing outworkers, but notifications were received from other districts giving the names and addresses of six outworkers employed for the making of wearing apparel. All the premises were inspected and conditions were found to be satisfactory.

**Rag Flock and Other Filling Materials Act, 1951.**

There are nine premises registered within the district where rag flock or other filling materials are used in the manufacture of bedding, toys, etc. and four premises licensed where such filling materials are manufactured.

Inspections showed that these premises and the conditions existing were satisfactory.

**Pet Animals Act, 1951.**

One licence was granted during the year for the keeping of a pet shop.

The Act seeks to control the conditions under which pet animals are kept for sale.

**Mortuary.**

The Mortuary was used on 21 occasions.

**SECTION E.****HOUSING.****Statistics.**

Number of new houses erected during the year :—

|  |    |
|--|----|
| (i) By the local authority ... .. Houses       | 10 |
| (ii) By other local authorities .... Nil.      |    |
| (iii) By other bodies or persons ... .. Houses | 65 |

## 1. Inspections of dwelling-houses during the year :—

|  |      |
|--|------|
| (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ..   | 267  |
| (b) Number of inspections formal or informal made to dwellinghouses (including revisits) ... ..  | 1655 |
| (c) Number of dwelling-houses found during the year to be not in all respects reasonably fit for human habitation but capable of being rendered fit ... .. | 193  |
| (2) Total No. of dwelling houses existing at end of year which were unfit for human habitation and not capable at reasonable expense of being rendered fit | 158  |

## 2. Houses Demolished :—

In Clearance Areas :

|  | Houses<br>Demolished | Displaced<br>during<br>year<br>Persons | Families |
|--|----------------------|--|----------|
| (1) Houses unfit for human habitation ....                             | 29                   | 133                                    | 47       |
| (2) Houses included by reason of bad arrangement, etc. ....            | —                    | —                                      | —        |
| (3) Houses on land acquired under Section 43(2), Housing Act, 1957.... | 3                    | 13                                     | 5        |

Not in Clearance Areas :

|   |   |   |   |
|---|---|---|---|
| (4) As a result of formal or informal procedure under Section 17(1), Housing Act, 1957 .... | 6 | — | — |
| (5) Local Authority owned houses certified unfit by the Medical Officer of Health ....      | — | 8 | 1 |
| (6) Houses unfit for human habitation where action has been taken under local Acts ....     | — | — | — |
| (7) Unfit houses included in Unfitness Orders....   | — | — | — |

| 3. Unfit Houses Closed :—   | Number |    |   |
|---|--------|----|---|
| (1) Under Section 16(4), 17(1) and 35(1),<br>Housing Act, 1957 ....       | 5      | 13 | 4 |
| (2) Under Sections 17(3) and 26 Housing<br>Act, 1957 ....                 | —      | —  | — |
| (3) Parts of buildings closed under Section<br>18, Housing Act, 1957 .... | —      | —  | — |

By Owner By Local  
Authority

| 4. Unfit Houses made fit and houses in<br>which defects were remedied :— |    |   |
|--|----|---|
| (1) After informal Action by Local Authority                             | 69 | — |
| (2) After formal Action under P.H. Acts. ....                            | 20 | — |

**5. Housing Act, 1949 and Housing (Financial Provisions) Act, 1958—Improvement grants, etc.**

Action during the year :-

|  | PRIVATE BODIES<br>OR INDIVIDUALS |   | LOCAL<br>AUTHORITY |   |
|--|----------------------------------|---|--------------------|---|
|  | No. of<br>Schemes                | No. of<br>Dwell-<br>ing<br>houses<br>or other<br>Build-<br>ings<br>affected | No. of<br>Schemes  | No. of<br>Dwell-<br>ing<br>houses<br>or other<br>Build-<br>ings<br>affected |
| (a) Submitted by private individuals<br>to local authority ..... | 3                                | 3   | —                  | —   |
| (b) Approved by local authority .....                            | 3                                | 3   | —                  | —   |
| (c) Submitted by local authority to<br>Ministry .....            | 3                                | 3   | —                  | —   |
| (d) Finally approved by Ministry ....                            | 3                                | 3   | —                  | —   |
| (e) Work completed .....   | 3                                | 3   | —                  | —   |
| (f) Additional separate dwellings<br>included in (e) above ..... | —                                | —   | —                  | —   |

(g) Any other action taken under the Act                      None.

**House Purchase and Housing Act, 1959—Standard Grants:—**

| Action during year :-                  | No. of Schemes. | No. of Dwellings or other Buildings affected. |
|--|-----------------|---|
| (a) Submitted to local authority ..... | 75              | 75  |
| (b) Approved by local authority .....  | 73              | 73  |
| (c) Work completed .....               | 63              | 63  |

**Rent Act, 1957.**

There were no applications for Certificates of Disrepair during the year.

## SECTION F.

**Inspection and Supervision of Food.**

## Food Premises.

619 inspections of food premises were carried out to ensure compliance with the standards required by the Food Hygiene Regulations. Informal notices covering all defects or contraventions were served upon the persons concerned where necessary.

The number of food premises, by type of business, in the district at the end of the year was as follows:—

|   |     |
|---|-----|
| General grocers and provision dealers ... ..  | 97  |
| Greengrocers and fruiterers (including those selling wet fish, game, etc.) ....                               | 22  |
| Fishmongers (including those selling poultry, game, etc.)   | 1   |
| Meat shops (butchers, purveyors of cooked and pre-served meats, tripe, etc.) ... ..                           | 39  |
| Bakers and/or confectioners ....  | 35  |
| Fried fish shops ....   | 27  |
| Shops selling mainly sugar confectionery, minerals, ice-cream, etc. ....                                      | 59  |
| Licensed premises, clubs, canteens, restaurants, cafes, snack-bars and similar catering establishments ... .. | 127 |
| Others ... ..   | 3   |

## Registered Food Premises.

The number of food premises, by type of business, registered under Section 16 of the Food and Drugs Act, 1955, at the end of the year was as follows:—

|  | Number<br>Registered | Number of<br>Inspections |
|--|----------------------|--------------------------|
| Sale of Ice-cream ... ..                         | 83                   | 111                      |
| Manufacture of Ice-cream ... ..                  | 1                    | 3                        |
| Preparation or manufacture of<br>Sausages ... .. | 22                   | 46                       |

The following table shows the amount of food condemned by the department as being unfit for human consumption.

| Class of food.       | Weight |       |      |      |     |
|----------------------|--------|-------|------|------|-----|
|                      | tons   | cwts. | qrs. | lbs. | ozs |
| Pork ... ..          |        |       | 1    | 15   | 0   |
| Ham ... ..           | 1      | 0     | 2    | 1    |     |
| Mutton ... ..        |        |       | 1    | 15   | 0   |
| Veal ... ..          |        |       |      | 18   | 0   |
| Beef ... ..          | 1      | 2     | 7    | 9    |     |
| Meat Products ... .. |        |       | 2    | 23   | 2   |
| Tongue ... ..        |        |       |      | 21   | 14  |
| Liver ... ..         |        |       | 1    | 13   | 10  |
| Sausages ... ..      |        |       |      | 12   | 2   |
| Cereals ... ..       |        |       |      | 11   | 0   |
| Vegetables ... ..    | 1      | 0     | 23   | 3    |     |
| Fruit ... ..         | 2      | 1     | 2    | 1    |     |
| Fish ... ..          | 1      | 0     | 19   | 10   |     |
| Milk ... ..          |        |       |      | 2    | 0   |
|                      | 9      | 2     | 18   | 4    |     |

Ice Cream: 306 blocks, cornets, etc.

## FOOD AND DRUGS ACTS, 1938—1955.

### Samples obtained during 1962.

The Lancashire County Council are responsible for the sampling of food and drugs under the above Acts and I am indebted to Dr. S. C. Gawne, County Medical Officer of Health, for the following particulars of samples taken within the district.

A total of 148 samples was obtained, consisting of 88 samples of milk (three of which were Channel Islands milk) and 60 others comprising :—

|  |  |
|--|--|
| 2 Camphorated oil B.P.                                 | 2 Liquid paraffin B.P.                   |
| 2 Boric Lint B.P.C.                                    | 1 Vitamin C tablets                      |
| 1 Cough tablets  | 2 Fruit curd                             |
| 2 Tapioca  | 2 Bacon                                  |
| 1 Fish paste   | 1 Syrup                                  |
| 2 Beef sausages  | 2 Pork sausages                          |
| 1 Margarine  | 1 Cooking fat                            |
| 2 Flour confectionery                                  | 1 Bottled cherries                       |
| 1 Sponge cake and sponge<br>pudding mixture, sweetened | 1 Milk, condensed, skimmed,<br>sweetened |
| 1 Cream, sterilised                                    | 1 Baked beans with hamburgers,<br>canned |
| 1 Golden raising powder                                | 1 Chicken fillets, bottled               |
| 1 Barley kernels                                       | 1 Tonic water                            |
| 1 Oatmeal  | 1 Sugar                                  |
| 1 Tea  | 1 Savoury minced steak, canned           |
| 1 Mineral water  | 1 Vinegar                                |
| 1 Fruit salad  | 2 Epsom salts B.P.                       |
| 2 Borax B.P.   | 2 Meat paste                             |
| 1 Butter   | 1 Vegetables, dried                      |
| 1 Ground ginger  | 1 Mint, dried                            |
| 2 Fruit, dried   | 2 Aspirin tablets B.P.                   |
| 1 Plain flour  | 2 Ground almonds                         |
| 2 Gelatine   |  |
| 1 Stuffed olives                                       |  |

The samples below are those upon which the County Analyst gave adverse reports:—

| Type                       | Result of Analysis  | Action Taken                |
|----------------------------|---|-----------------------------|
| 1 Beef sausages            | Contained 190 parts per million sulphite preservative (expressed as sulphur dioxide) without declaration.   | Vendor interviewed          |
| 1 Barley kernels           | Contained small amount of webbing from flour moth.  | Stock examined              |
| 1 Chicken fillets, bottled | Chicken content only 83%, should be labelled "Chicken Fillets in Jelly."  | Importers communicated with |
| 1 Fruit salad, canned      | Pears listed first in statement of ingredients, although peaches were found to be present in greatest quantity.   | Packers communicated with   |
| 1 Pork sausages            | Meat content only 53.5%, poor in meat content. Also contained 260 parts per million sulphite preservative (expressed as sulphur dioxide) without declaration. | Vendor cautioned            |

**BYELAWS IN FORCE IN THE DISTRICT.**

July, 1939.—Byelaw for Regulating the Emission of Black Smoke.

Dec., 1949.—Byelaw with respect to The Sale of Contraceptives  
in Slot Machines.

Feb., 1950.—Byelaws with respect to Handling, Wrapping and  
Delivery of Food and Sale of Food in the Open Air.

Dec., 1952.—Byelaws relating to the Radcliffe Public Libraries.

Mar., 1954.—Building Byelaws.

Aug., 1956.—Byelaws for Good Rule and Government and Pre-  
vention of Nuisances.

Mar., 1958.—Byelaws relating to Pleasure Grounds. Byelaws  
amending the Building Byelaws in relation to smoke  
prevention.

June, 1958.—Supplementary Public Library Byelaws.

June, 1958.—Building Byelaws Smoke Prevention,









